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KLK6 Rabbit pAb

Catalog No.: A12055

Basic Information

Observed MW
27kDa

Calculated MW
26kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

This gene encodes a member of the kallikrein subfamily of the peptidase S1 family of serine proteases. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. The encoded preproprotein is proteolytically processed to generate the mature protease. Expression of this protease is regulated by steroid hormones and may be elevated in multiple human cancers and in serum from psoriasis patients. The encoded protease may participate in the cleavage of amyloid precursor protein and alpha-synuclein, thus implicating this protease in Alzheimer's and Parkinson's disease, respectively. This gene is located in a gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
5653

Swiss Prot
Q92876

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human KLK6 (NP_002765.1).

Synonyms
hK6; Bssp; Klk7; SP59; PRSS9; PRSS18; KLK6

Contact

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Product Information

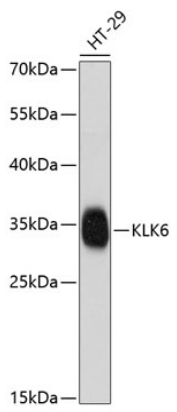
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from HT-29 cells, using KLK6 Rabbit pAb (A12055) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.